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5. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 4A-4S2 and whereby the tumor identified is a colorectal tumor.
6. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 5A-5M2 and whereby the tumor identified is leukemia.
7. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 6A-6W2 and whereby the tumor identified is a lung tumor.
8. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 7A-7D3 and whereby the tumor identified is a lymphoma.
9. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 8A-8X2 and whereby the tumor identified is a melanoma.
10. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 9A-9C3 and whereby the tumor identified is a mesothelioma.
11. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 10A-10P2 and whereby the tumor identified is an ovarian tumor.

12. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 11A-11O2 and whereby the tumor identified is a pancreatic tumor.
13. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 12A-12V2 and whereby the tumor identified is a prostate tumor.
14. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 13A-13N2 and whereby the tumor identified is a renal tumor.
15. A method according to Claim 1, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 14A-14A3 and whereby the tumor identified is a uterine tumor.
16. A method of predicting the likelihood of tumor development in a subject, comprising the steps of:
  - a) obtaining a sample derived from an organ or tissue of a subject;
  - b) determining the expression pattern of one or more marker genes in the sample, said one or more marker genes selected from the group consisting of the genes in FIGS. 1A-1R2, FIGS. 2A-2T2, FIGS. 3A-3Z2, FIGS. 4A-4S2, FIGS. 5A-5M2, FIGS. 6A-6W2, FIGS. 7A-7D3, FIGS. 8A-8X2, FIGS. 9A-9C3, FIGS. 10A-10P2, FIGS. 11A-11O2, FIGS. 12A-12V2, FIGS. 13A-13N2, and FIGS. 14A-14A3; and
  - c) comparing the expression pattern obtained in step b) to the expression pattern of one or more genes specific to a tumor,

wherein a marker gene expression pattern in the sample that is similar to the gene expression pattern specific to a tumor indicates an increased likelihood of tumor development in the subject.

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23. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 7A-7D3 and whereby the tumor for which a likelihood of development is predicted is a lymphoma.
24. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 8A-8X2 and whereby the tumor for which a likelihood of development is predicted is melanoma.
25. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 9A-9C3 and whereby the tumor for which a likelihood of development is predicted is a mesothelioma.
26. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 10A-10P2 and whereby the tumor for which a likelihood of development is predicted is an ovarian tumor.
27. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 11A-11O2 and whereby the tumor for which a likelihood of development is predicted is a pancreatic tumor.
28. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 12A-12V2 and whereby the tumor for which a likelihood of development is predicted is a prostate tumor.
29. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 13A-13N2 and whereby the tumor for which a likelihood of development is predicted is a renal tumor.

30. A method according to Claim 16, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 14A-14A3 and whereby the tumor for which a likelihood of development is predicted is a uterine tumor.
31. A method of diagnosing a tumor in a subject, comprising the steps of:
- 5 a) obtaining a sample derived from an organ or tissue of a subject;
  - b) determining the expression pattern of one or more marker genes in the sample, said one or more marker genes selected from the group consisting of the genes in FIGS. 1A-1R2, FIGS. 2A-2T2, FIGS. 3A-3Z2, FIGS. 4A-4S2, FIGS. 5A-5M2, FIGS. 6A-6W2, FIGS. 7A-7D3, FIGS. 10 8A-8X2, FIGS. 9A-9C3, FIGS. 10A-10P2, FIGS. 11A-11O2, FIGS. 12A-12V2, FIGS. 13A-13N2, and FIGS. 14A-14A3; and
  - c) comparing the expression pattern obtained in step b) to the expression pattern of one or more genes specific to a tumor,
- 15 wherein a marker gene expression pattern in the sample that is similar to the gene expression pattern specific to a tumor indicates the presence of a tumor in the subject.
32. A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 1A-1R2 and whereby the tumor that is diagnosed is a bladder tumor.
- 20 33. A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 2A-2T2 and whereby the tumor that is diagnosed is a breast tumor.
34. A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 3A-3Z2 and whereby 25 the tumor that is diagnosed is a central nervous system (CNS) tumor.

35.
- A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 4A-4S2 and whereby the tumor that is diagnosed is a colorectal tumor.
36.
- 5A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 5A-5M2 and whereby the tumor that is diagnosed is leukemia.
37.
- A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 6A-6W2 and whereby the tumor that is diagnosed is a lung tumor.
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- A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 7A-7D3 and whereby the tumor that is diagnosed is a lymphoma.
39.
- 15A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 8A-8X2 and whereby the tumor that is diagnosed is a melanoma.
40.
- A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 9A-9C3 and whereby the tumor that is diagnosed is a mesothelioma.
41.
- 20A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 10A-10P2 and whereby the tumor that is diagnosed is an ovarian tumor.

42. A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 11A-11O2 and whereby the tumor that is diagnosed is a pancreatic tumor.
43. A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 12A-12V2 and whereby the tumor that is diagnosed is a prostate tumor.
44. A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 13A-13N2 and whereby the tumor that is diagnosed is a renal tumor.
45. A method according to Claim 31, wherein said one or more marker genes are selected from the group consisting of the genes in FIGS. 14A-14A3 and whereby the tumor that is diagnosed is a uterine tumor.
46. A method of identifying a compound for use in treating cancer, said method comprising the steps of:
- providing a cell or cell lysate sample;
  - contacting the cell or cell lysate sample with a candidate compound; and
  - detecting a decrease in expression of one or more genes specific to a tumor, said one or more genes selected from the group consisting of the genes in FIGS. 1A-1R2, FIGS. 2A-2T2, FIGS. 3A-3Z2, FIGS. 4A-4S2, FIGS. 5A-5M2, FIGS. 6A-6W2, FIGS. 7A-7D3, FIGS. 8A-8X2, FIGS. 9A-9C3, FIGS. 10A-10P2, FIGS. 11A-11O2, FIGS. 12A-12V2, FIGS. 13A-13N2, and FIGS. 14A-14A3,
- wherein a candidate compound that decreases the expression of one or more genes specific to a tumor identifies a compound for use in treating cancer.



47. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 1A-1R2 and whereby the compound identified is useful for treating bladder cancer.
48. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 2A-2T2 and whereby the compound identified is useful for treating breast cancer.
49. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 3A-3Z2 and whereby the compound identified is useful for treating central nervous system (CNS) cancer.
50. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 4A-4S2 and whereby the compound identified is useful for treating colorectal cancer.
51. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 5A-5M2 and whereby the compound identified is useful for treating leukemia.
52. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 6A-6W2 and whereby the compound identified is useful for treating lung cancer.
53. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 7A-7D3 and whereby the compound identified is useful for treating lymphoma.

54. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 8A-8X2 and whereby the compound identified is useful for treating melanoma.
55. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 9A-9C3 and whereby the compound identified is useful for treating mesothelioma.
56. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 10A-10P2 and whereby the compound identified is useful for treating ovarian cancer.
57. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 11A-11O2 and whereby the compound identified is useful for treating pancreatic cancer.
58. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 12A-12V2 and whereby the compound identified is useful for treating prostate cancer.
59. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 13A-13N2 and whereby the compound identified is useful for treating renal cancer.
60. A method according to Claim 46, wherein said one or more genes are selected from the group consisting of the genes of FIGS. 14A-14A3 and whereby the compound identified is useful for treating uterine cancer.

61. An oligonucleotide microarray having immobilized thereon a plurality of oligonucleotide probes specific for one or more tumor specific genes selected from the group consisting of the genes in FIGS. 1A-1R2, FIGS. 2A-2T2, FIGS. 3A-3Z2, FIGS. 4A-4S2, FIGS. 5A-5M2, FIGS. 6A-6W2, FIGS. 7A-7D3, FIGS. 8A-8X2, FIGS. 9A-9C3, FIGS. 10A-10P2, FIGS. 11A-11O2, FIGS. 12A-12V2, FIGS. 13A-13N2, and FIGS. 14A-14A3.
62. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 1A-1R2.
63. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 2A-2T2.
64. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 3A-3Z2.
65. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 4A-4S2.
66. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 5A-5M2.

67. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 6A-6W2.
- 5 68. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 7A-7D3.
69. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 8A-8X2.
- 10 70. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 9A-9C3.
71. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group  
15 consisting of the genes in FIGS. 10A-10P2.
72. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 11A-11O2.
- 20 73. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 12A-12V2.

74. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 13A-13N2.
- 5 75. The oligonucleotide microarray of Claim 61, wherein said oligonucleotide probes specific for one or more tumor specific genes are selected from the group consisting of the genes in FIGS. 14A-14A3.
76. A method according to Claim 1, wherein the marker gene is DNA.
77. A method according to Claim 1, wherein the marker gene is mRNA.
- 10 78. A method according to Claim 76, wherein the expression pattern of the marker gene is determined utilizing specific hybridization probes.
79. A method according to Claim 77, wherein the expression pattern of the marker gene is determined utilizing specific hybridization probes.
80. A method according to Claim 76, wherein the expression pattern of the marker gene is determined utilizing oligonucleotide microarrays.
- 15 81. A method according to Claim 77, wherein the expression pattern of the marker gene is determined using oligonucleotide microarrays.
82. A method according to Claim 1, wherein determining the expression of one or more marker genes occurs by determining the level of a polypeptide encoded by said one or more marker genes.

83. A method according to Claim 82, wherein the level of said polypeptide is determined utilizing antibodies.